

Art 19

CLAIMS(UNDER ARTICLE 19)

1. An opening/closing type communication terminal, comprising:
a hinge portion, which couples two casing members so as to freely
5 open and close,

wherein the hinge portion includes:

a first rotating member, which serves as an axis for rotating
the two casing members in a predetermined direction;

10 a second rotating member, which serves as an axis for
rotating one casing member of the two casing members relative to the other
casing member of the two casing members in a direction perpendicular to a
rotating direction in which the first rotating member serves as the axis; and

a cover member, which covers the first rotating member and
the second rotating member; and

15 wherein the cover member is fixed to the first rotating member.

2. The opening/closing type communication terminal as set forth in claim
1, further comprising a rotating movement restricting member which is provided
in a vicinity of a center of axis of the first rotating member, and which restricts
20 both the rotating movement in which the first rotating member serves as the
axis and the rotating movement in which the second rotating member serves as
the axis in accordance with a condition of the two casing members.

3. The opening/closing type communication terminal as set forth in claim
25 1 or claim 2, wherein a stable condition of the communication terminal restricted
by the rotating movement restricting member corresponds to any one of:

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a condition in which the two casing members are folded so as to be opposed to each other;

a first opened condition in which the communication terminal under the folded condition is opened by rotating the two casing members up to a first
5 predetermined angle while the first rotating member serves as the axis; and

a second opened condition in which the two casing members are rotated from the first opened condition up to a second predetermined angle while the second rotating member serves as the axis.

10 4. The opening/closing type communication terminal as set forth in claim 3, wherein the rotating movement restricting member restricts the rotating movement while the second rotating member serves as the axis to a predetermined direction and at the second predetermined angle under the first opened condition;

15 wherein the rotating movement restricting member prohibits the rotating movement while the first rotating member serves as the axis under the second opened condition, and restricts the rotating movement while the second rotating member serves as the axis to a direction opposite to the second predetermined direction and at the second predetermined angle under the
20 second opened condition; and

wherein the rotating movement restricting member prohibits the rotating movement while the second rotating member serves as the axis under a condition from the folded condition up to the first opened condition.

25 5. The opening/closing type communication terminal as set forth in claim 3 or claim 4, wherein the cover member is fixed to the first rotating member by a fastening screw; and

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wherein the fastening screw fixes the cover member to the first rotating member at a position that the fastening screw is covered by the casing members under both the folded condition and the first opened condition, and that the fastening screw is exposed under a condition from the first opened

5 condition up to the second opened condition.

6. The opening/closing type communication terminal as set forth in claim 3, claim 4 or claim 5, wherein the second predetermined angle is 180 degrees at which the casing members are rotated so as to become the second opened

10 condition from the first opened condition while the second rotating member serves as the axis;

wherein the communication terminal includes a condition detecting member which detects either the first opened condition or the second opened condition of the communication terminal;

15 wherein one of the two casing members includes a camera unit and a first display unit capable of displaying a picture photographed by the camera unit on one plane thereof, and includes a second display unit capable of displaying a picture formed based upon the picture photographed by the camera unit on another plane opposite to the one plane;

20 wherein the first display unit displays a mirror image as to the picture photographed by the camera unit under either the folded condition or the first opened condition; and

wherein the first display unit displays the mirror image as to the picture photographed by the camera unit, and the second display unit displays an

25 inverted mirror image of the mirror image under the second opened condition.

7. A hinge apparatus which is adapted to constitute the hinge portion of

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the opening/closing type communication terminal according to any one of claim 1 to claim 6.